

EAST - [10651914.wsp:1]							
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Type	Hits	Search Text			DBs	Time S	
BRS 3	1	((257/434.680.ccls.) and (@ad<20030830 or @rlad<20030830)) and ((front\$1side or (front adj side)) with window)			USPAT: US-PGPUB	2004/06/10	
BRS 10	2	((257/434.680.ccls.) and (@ad<20030830 or @rlad<20030830)) and ((back\$1side or (back adj side)) with window)			USPAT: US-PGPUB	2004/06/10	
BRS 3	3	(((257/434.680.ccls.) and (@ad<20030830 or @rlad<20030830)) and ((front\$1side or (front adj side)) with window)) and			USPAT: US-PGPUB	2004/06/10	
BRS 37	4	(((257/434.680.ccls.) and (@ad<20030830 or @rlad<20030830)) and light) and (window with top)) not (((257/432.c			USPAT: US-PGPUB	2004/06/11	
BRS 8	5	(((257/432.ccls.) and (@ad<20030830 or @rlad<20030830)) and light) and (window with top)) not (((257/434.680.c			USPAT: US-PGPUB	2004/06/11	
BRS 16	6	(((257/432.ccls.) and (@ad<20030830 or @rlad<20030830)) and light) and (window with top))			USPAT: US-PGPUB	2004/06/11	
BRS 33	7	(wire with ( ball or bump) ) and (@ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with			USPAT: US-PGPUB	2004/06/11	
BRS 22	8	(((wire with ( ball or bump) ) and (@ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) wit			USPAT: US-PGPUB	2004/06/11	
BRS 32	9	((wire with ( ball or bump) ) and (@ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) wit			USPAT: US-PGPUB	2004/06/11	
BRS 2	10	((( @ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom)) and ((wire\$1bond			USPAT: US-PGPUB	2004/06/11	
BRS 14	11	(@ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom with die)			USPAT: US-PGPUB	2004/06/11	
BRS 2	12	((( @ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom with substrate)) not (			USPAT: US-PGPUB	2004/06/11	
BRS 16	13	(( @ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom with substrate)) not ((			USPAT: US-PGPUB	2004/06/11	
BRS 5	14	(( @ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom with die)) not ((( @a			USPAT: US-PGPUB	2004/06/11	
BRS 16	15	((( "5962810"			USPAT: US-PGPUB	2004/06/11	
BRS 36	16	(@ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom with substrate)			USPAT: US-PGPUB	2004/06/11	
BRS 22	17	((( "5962810"			USPAT: US-PGPUB	2004/06/11	
BRS 19	18	(amkor.as.) and (window with light)			USPAT: US-PGPUB	2004/06/11	
BRS 19	19	(@ad<20030830 or @rlad<20030830) and ((amkor.as.) and (window with light) )			USPAT: US-PGPUB	2004/06/11	
BRS 24	20	((( @ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom)) and ((wire\$1bond o			USPAT: US-PGPUB	2004/06/11	
BRS 31	21	((( @ad<20030830 or @rlad<20030830) and ( @ad<20030830 or @rlad<20030830) and ((( "6630661"			USPAT: US-PGPUB	2004/06/11	
BRS 1	22	"6492699".PN			USPAT	2004/06/11	
BRS 1	23	"6384472".PN			USPAT	2004/06/11	
BRS 1	24	"6342406".PN			USPAT	2004/06/11	
BRS 1	25	"6121675".PN			USPAT	2004/06/11	
BRS 1	26	"6266197".PN			USPAT	2004/06/11	
BRS 1	27	"6121675".PN			USPAT	2004/06/11	
BRS 1	28	"5172213".PN			USPAT	2004/06/11	
BRS 1	29	"5854511".PN			USPAT	2004/06/11	
BRS 1	30	"6091603".PN			USPAT	2004/06/11	
BRS 1	31	"6236568".PN			USPAT	2004/06/11	
BRS 1	32	"6265771".PN			USPAT	2004/06/11	
BRS 1	33	"6444498".PN			USPAT	2004/06/11	
BRS 1	34	"6458626".PN			USPAT	2004/06/11	
BRS 1	35	"6444498".PN			USPAT	2004/06/11	
BRS 26	36	(( @ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom with (substrate or die)			USPAT: US-PGPUB	2004/06/11	
BRS 26	37	(@ad<20030830 or @rlad<20030830) and (window with light) and ((ball or bump) with bottom with (substrate or die)			USPAT: US-PGPUB	2004/06/11	
BRS 27	38	(@ad<20030830 or @rlad<20030830) and (window with (light or radiation)) and ((ball or bump) with bottom with (sub			USPAT: US-PGPUB	2004/06/11	
BRS 1	39	(( @ad<20030830 or @rlad<20030830) and (window with (light or radiation)) and ((ball or bump) with bottom with (su			USPAT: US-PGPUB	2004/06/11	
BRS 25	40	(@ad<20030830 or @rlad<20030830) and (window with (light or radiation)) and ("6130448" "6621616")			USPAT: US-PGPUB	2004/06/11	
BRS 17	41	((( @ad<20030830 or @rlad<20030830) and (window with (light or radiation)) and ((image or imaging or light or radiat			USPAT: US-PGPUB	2004/06/11	
BRS 7	42	"4710797" and ((257/51 cor.) or (438/53 cor.))			USPAT: US-PGPUB	2004/06/11	

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42	BRS	7	"4710797" and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/06/11	
43	BRS	6	"6121675"	USPAT: US-PGPUB	2004/06/11	
44	BRS	0	(( ((wire\$1bond or wire\$1bonding or wire\$1bonded) or (wire adj (bond or bonded or bonding)) ) with (bottom or backside	USPAT: US-PGPUB	2004/06/11	
45	BRS	0	(( ((wire\$1bond or wire\$1bonding or wire\$1bonded) or (wire adj (bond or bonded or bonding)) ) with (bottom or backside	USPAT: US-PGPUB	2004/06/11	
46	BRS	33	(( (window with (light or radiation)) and ((image or imaging or light or radiation or optical) adj (sensor or sensing)) and (	USPAT: US-PGPUB	2004/06/11	
47	BRS	0	(( (window with (light or radiation)) and ((image or imaging or light or radiation or optical) adj (sensor or sensing)) and (	USPAT: US-PGPUB	2004/06/11	
48	BRS	0	(( ((window with (light or radiation)) and ((image or imaging or light or radiation or optical) adj (sensor or sensing)) and	USPAT: US-PGPUB	2004/06/11	
49	BRS	1	(( ((window with (light or radiation)) and ((image or imaging or light or radiation or optical) adj (sensor or sensing)) and	USPAT: US-PGPUB	2004/06/11	
50	BRS	6	(( (chip or die) with (bottom or backside) with (lead or leadframe) with (wire\$1bond or wire\$1bonding or wire\$1bonded	USPAT: US-PGPUB	2004/06/11	
51	BRS	33	(( (window with (light or radiation)) and ((image or imaging or light or radiation or optical) adj (sensor or sensing)) and	USPAT: US-PGPUB	2004/06/11	
52	BRS	18	(( (lead or leadframe) with (wire\$1bond or wire\$1bonding or wire\$1bonded or (wire adj (bond or bonded or bonding)) )	USPAT: US-PGPUB	2004/06/11	
53	BRS	18	(( (lead or leadframe) with (wire\$1bond or wire\$1bonding or wire\$1bonded or (wire adj (bond or bonded or bonding)) )	USPAT: US-PGPUB	2004/06/11	
54	BRS	34	(( (lead or leadframe) with (chip or die or substrate) with (bottom or back\$1side or (back adj side)) ) and ((image or i	USPAT: US-PGPUB	2004/06/11	
55	BRS	33	(( (lead or leadframe) with (chip or die or substrate) with (bottom or back\$1side or (back adj side)) ) and ((image or i	USPAT: US-PGPUB	2004/06/11	
56	BRS	5	(( (lead or leadframe) with (chip or die or substrate) with (bottom or back\$1side or (back adj side)) with (direct or dir	USPAT: US-PGPUB	2004/06/11	
57	BRS	1	(( (ball or bump) with (lead or leadframe) with (wire\$1bond or wire\$1bonding or wire\$1bonded or (wire adj (bond or bo	USPAT: US-PGPUB	2004/06/12	
58	BRS	28	(( (lead or lead\$1frame or (lead adj frame)) adj (mounted) adj die)	USPAT: US-PGPUB	2004/06/12	
59	BRS	11	("4862245"	USPAT: US-PGPUB	2004/06/12	
60	BRS	8	("3768986"	USPAT: US-PGPUB	2004/06/12	
61	BRS	13	(	USPAT: US-PGPUB	2004/06/12	
62	BRS	13	(	USPAT: US-PGPUB	2004/06/12	
63	BRS	1	"20020009025"	USPAT: US-PGPUB	2004/06/12	
64	BRS	1	"20020009825"	USPAT: US-PGPUB	2004/06/12	
65	BRS	0	(6384472.pn.) and tape	USPAT: US-PGPUB	2004/06/12	
66	BRS	7	(( ((lead or lead\$1frame or (lead adj frame)) with (directly near (die or chip)) ) ) and (@ad<20030830 or @rlad<200308	USPAT: US-PGPUB	2004/06/12	
67	BRS	1	(6384472.pn.) and carrier	USPAT: US-PGPUB	2004/06/12	
68	BRS	36	(( ((window with (chip or die))) and (@ad<20030830 or @rlad<20030830) and ((image or imaging or light or radiation or	USPAT: US-PGPUB	2004/06/12	
69	BRS	5	(( (window with die with adhesive) and (@ad<20030830 or @rlad<20030830) and ((image or imaging or light or radiation	USPAT: US-PGPUB	2004/06/12	
70	BRS	8	("20020066966" "20020089025" "20020190397" "20030071340" "5458716" "5958100" "6414384" "6614103").PN.	USPAT: US-PGPUB	2004/06/12	
71	BRS	10	((	USPAT: US-PGPUB	2004/06/12	
72	BRS	5	(( ("20020066966" "20020089025" "20020190397" "20030071340" "5458716" "5958100" "6414384" "6614103").PN.) an	USPAT: US-PGPUB	2004/06/12	
73	BRS	4	("5958100" "6414384").PN. ("5458716").PN. ("20040038442").PN.	USPAT: US-PGPUB	2004/06/12	
74	BRS	11	(( ((lead or lead\$1frame or (lead adj frame)) with directly with die)) and (@ad<20030830 or @rlad<20030830)) and ((i	USPAT: US-PGPUB	2004/06/12	
75	BRS	28	(( (lead or lead\$1frame or (lead adj frame)) and (((lid or cover) with light)) and (@ad<20030830 or @rlad<20030830) a	USPAT: US-PGPUB	2004/06/12	
76	BRS	10	(( ((lid or cover) with light)) and (@ad<20030830 or @rlad<20030830) and ((image or imaging or light or radiation or o	USPAT: US-PGPUB	2004/06/12	
77	BRS	0	(( (die with tape with easier with (lead or lead\$1frame or (lead adj frame)) ) and (@ad<20030830 or @rlad<20030830)	USPAT: US-PGPUB	2004/06/12	
78	BRS	24	(( (die with tape with cost with (lead or lead\$1frame or (lead adj frame)) ) and (@ad<20030830 or @rlad<20030830)	USPAT: US-PGPUB	2004/06/12	
79	BRS	24	(( (lead adj chip adj tape) with (lead or lead\$1frame or (lead adj frame)) ) and (@ad<20030830 or @rlad<20030830)	USPAT: US-PGPUB	2004/06/12	
80	BRS	0	(( (lead adj chip adj tape) with (fast or faster or speed or time) )	USPAT: US-PGPUB	2004/06/12	
81	BRS	0	(( (lead adj chip adj tape) with easy )	USPAT: US-PGPUB	2004/06/12	
82	BRS	0	(( (lead adj chip adj tape) with easier )	USPAT: US-PGPUB	2004/06/12	
83	BRS	14	(( (((\$1lead or \$1\$shape or \$1\$shaped or \$1\$lead or \$1\$shape or \$1\$shaped or null\$1wing or (null adj wing) or ((c or l) a	USPAT: US-PGPUB	2004/06/12	

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Type	Hits	Search Text	DBs	Time S
72	BRS 5	(("20020066966" "20020089025" "20020190397" "20030071340" "5458716" "5958100" "6414384" "6614103").PN.) and	USPAT: US-PGPUB	2004/06/12
73	BRS 4	("5958100" "6414384").PN. ("5458716").PN. ("20040038442").PN.	USPAT: US-PGPUB	2004/06/12
74	BRS 11	(((((lead or lead\$1frame or (lead adi frame)) with directly with die)) and (@ad<20030830 or @rlad<20030830)) and ((i	USPAT: US-PGPUB	2004/06/12
75	BRS 28	(lead or lead\$1frame or (lead adi frame)) and (((lid or cover) with light)) and (@ad<20030830 or @rlad<20030830) a	USPAT: US-PGPUB	2004/06/12
76	BRS 10	(((((lid or cover) with light)) and (@ad<20030830 or @rlad<20030830) and ((image or imaging or light or radiation or o	USPAT: US-PGPUB	2004/06/12
77	BRS 0	(die with tape with easier with (lead or lead\$1frame or (lead adi frame))) and (@ad<20030830 or @rlad<20030830)	USPAT: US-PGPUB	2004/06/12
78	BRS 24	(die with tape with cost with (lead or lead\$1frame or (lead adi frame))) and (@ad<20030830 or @rlad<20030830)	USPAT: US-PGPUB	2004/06/12
79	BRS 24	((lead adi chip adi tape) with (lead or lead\$1frame or (lead adi frame))) and (@ad<20030830 or @rlad<20030830)	USPAT: US-PGPUB	2004/06/12
80	BRS 0	((lead adi chip adi tape) with (fast or faster or speed or time) )	USPAT: US-PGPUB	2004/06/12
81	BRS 0	((lead adi chip adi tape) with easy )	USPAT: US-PGPUB	2004/06/12
82	BRS 0	((lead adi chip adi tape) with easier )	USPAT: US-PGPUB	2004/06/12
83	BRS 14	((((((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or gull\$1wing or (gull adi wing) or ((c or i) a	USPAT: US-PGPUB	2004/06/12
84	BRS 1	(\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) and "200	USPAT: US-PGPUB	2004/06/12
85	BRS 6	(((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) with ( be	USPAT: US-PGPUB	2004/06/12
86	BRS 23	((((((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) ) and (	USPAT: US-PGPUB	2004/06/12
87	BRS 2	((((((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) ) with l	USPAT: US-PGPUB	2004/06/12
88	BRS 6	soi with profile	USPAT: US-PGPUB	2004/06/12
89	BRS 17	((((((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) ) with l	USPAT: US-PGPUB	2004/06/12
90	BRS 12	(soi and (@ad<20030830 or @rlad<20030830) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@av<1990)	USPAT: US-PGPUB	2004/06/12
91	BRS 18	(soi with area) and (@ad<20030830 or @rlad<20030830) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/06/12
92	BRS 0	(("20020066966" "20020089025" "20020190397" "20030071340" "5458716" "5958100" "6414384" "6614103").PN.) and	USPAT: US-PGPUB	2004/06/12
93	BRS 36	(die with tape with (fast or faster or speed or time) with (lead or lead\$1frame or (lead adi frame))) and (@ad<200308	USPAT: US-PGPUB	2004/06/12
94	BRS 5	(soi and (@ad<20030830 or @rlad<20030830) and ((257/\$3.cor.) or (438/\$3.cor.)) and ((image or imaging or light	USPAT: US-PGPUB	2004/06/13
95	BRS 3	(((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) with lea	USPAT: US-PGPUB	2004/06/13
96	BRS 12	((((((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) with le	USPAT: US-PGPUB	2004/06/13
97	BRS 10	"06061408"	JPO: DERWENT	2004/06/13
98	BRS 0		JPO: DERWENT	2004/06/13
99	BRS 1		JPO: DERWENT	2004/06/13
100	BRS 2		JPO: DERWENT	2004/06/13
101	BRS 2		JPO: DERWENT	2004/06/13
102	BRS 1		JPO: DERWENT	2004/06/13
103	BRS 2		JPO: DERWENT	2004/06/13
104	BRS 10	((((((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) with lea	USPAT: US-PGPUB	2004/06/13
105	BRS 3	(((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) with lea	USPAT: US-PGPUB	2004/06/13
106	BRS 0	(((((mounting adi area) with small) and (@ad<20030830 or @rlad<20030830) and ((257/\$3.cor.) or (438/\$3.cor.)) ) a	USPAT: US-PGPUB	2004/06/13
107	BRS 10	(((((mounting adi area) with (demand) ) and (@ad<20030830 or @rlad<20030830) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/06/13
108	BRS 15	((((((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) with le	USPAT: US-PGPUB	2004/06/13
109	BRS 3	((((((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) with le	USPAT: US-PGPUB	2004/06/13
110	BRS 24	(((((mounting adi area) with (minimize or minimizing) ) and (@ad<20030830 or @rlad<20030830) and ((257/\$3.cor.) or (	USPAT: US-PGPUB	2004/06/13
111	BRS 1	(((\$1lead or \$1shape or \$1shaped or c\$1lead or c\$1shape or c\$1shaped or ((c or i) adi (shape or shape)) ) with lea	USPAT: US-PGPUB	2004/06/13
112	BRS 22	((low\$1profile or (low adi profile)) with demand ) and (@ad<20030830 or @rlad<20030830) and ((257/\$3.cor.) or (43	USPAT: US-PGPUB	2004/06/13
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